

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY ENVIRONMENTAL FINANCIAL ADVISORY BOARD

Paying for Sustainable Environmental Systems: A Guidebook of Financial Tools

List of New Environmental Finance Tools

EPA Tools

1. Air Pollution Control Program Support Grants
2. Alaskan Native Village and Rural Communities Sanitation Grants
3. (Brownfields) Air Quality and Economic Progress Pilots
4. Brownfields Cleanup Revolving Loan Fund Pilots
5. (Resource Conservation and Recovery Act) Brownfields Prevention Initiative Pilots
6. (Brownfields) Job Training and Development Demonstration Pilots
7. Brownfields Regional Pilots
8. Brownfields Supplemental Pilot Awards
9. Brownfields Tax Credit
10. Chemical Emergency Preparedness Program (CEPP) Technical Assistance Grants
11. Chesapeake Bay Grants
12. Children's Health Protection Grants
13. Clean Water Act Indian Set-Aside Grants
14. Clean Water Act Section 104 (b) (3) Water Quality Grants
15. Clean Water Act Section 106 Tribal Pollution Control Grants
16. Conservation Savings Increment Loans (CW and DW SRFs)
17. Consolidated Pesticide Enforcement Grants
18. Consolidated Program Support Grants
19. Consolidated Research Grants
20. Drinking Water SRF Tribal Set-Aside Grants
21. Energy Star Program
22. Environmental Education Grants
23. Environmental Finance Network: Region 1 EFC at the University of Southern Maine
24. Environmental Justice through Pollution Prevention Grants
25. Environmental Technology Verification Program
26. Great Lakes Grants
27. Hardships Grants for Rural Communities
28. Hazardous Waste Management State Grants
29. Indian Environmental General Assistance Grants
30. National Estuary Project Grants
31. National Pollution Discharge Elimination System-Related State Program Grants

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- 32. One Stop Reporting Grants

EPA Tools (continued)

- 33. Ozone Transport Grants
- 34. Pesticides Environmental Stewardship Grants
- 35. Pesticides Regional Initiative Grants
- 36. Pollution Prevention Incentives for States Grants
- 37. Pollution Prevention Incentives for Tribes Grants
- 38. Pollution Prevention Information Network Grants
- 39. Public Works and Development Facilities Grants
- 40. Regional Pollution Prevention Set-Aside Grants
- 41. Senior Environmental Employment Grants
- 42. Solid Waste Management Assistance Grants
- 43. State and Tribal Underground Storage Tanks Program
- 44. State Indoor Radon Grants
- 45. State Public Water System Supervision Grants
- 46. State Underground Water Source Protection Grants
- 47. Superfund State Core Program Cooperative Agreements
- 48. Surveys, Studies, Investigations, and Special Purpose Grants
- 49. Technology for Sustainable Environment Grants
- 50. Toxic Substances Compliance Monitoring Cooperative Agreements
- 51. Training and Fellowships for EPA
- 52. U.S. - Mexico Tribal Border Infrastructure Grants
- 53. Wastewater Operator Training Grants
- 54. Water Pollution Control State and Interstate Grants
- 55. Water Quality Management Planning Grants

Other USG Agency Tools

- 56. Agriculture: Rural Utility Service Solid Waste Management Grants
- 57. Commerce: EDA Public Works and Development Facilities Grants
- 58. Commerce: NOAA Chesapeake Bay Studies Grants
- 59. Commerce: NOAA Climate and Atmospheric Research Grants

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- 60. Commerce: NOAA Coastal Ocean Program Grants
- 61. Commerce: NOAA Coastal Ocean Science Grants

Other USG Agency Tools (continued)

- 62. Commerce: NOAA Habitat Conservation Grants
- 63. Commerce: NOAA Joint and Cooperative Institutes Grants
- 64. Commerce: NOAA Regional Climate Centers Grants
- 65. Commerce: NOAA Sea Grants
- 66. Commerce: NOAA Short Term Climate Fluctuations Grants
- 67. Commerce: NOAA Special Oceanic and Atmospheric Projects Grants
- 68. Energy: Conservation Research and Development Grants
- 69. Energy: Energy Efficiency and Renewable Energy Outreach, Training and Technical Assistance Grants
- 70. Energy: Energy Management Technology Systems Grants
- 71. Energy: Energy-Related (Energy Saving) Inventions Grants
- 72. Energy: State Energy Programs Grants
- 73. Energy: Regional Biomass Energy Programs Grants
- 74. Energy: Renewable Energy Research and Development Grants
- 75. Energy: State Energy Program Special Projects Grants
- 76. HHS: Indian Health Services Sanitation Facilities Construction Grants
- 77. HUD: Indian Community Development Block Grants
- 78. Treasury: U.S. Treasury Bonds
- 79. U.S. Agency Securities

State Tools

- 80. Alaskan: DEC Municipal Water, Sewerage, and Solid Waste Grants
- 81. Arizona: State Rural Infrastructure Coordinating Committee
- 82. California: Finance Coordinating Committee
- 83. Colorado: Innovative SRF and Grant Funding Coordination
- 84. Illinois: Rural Bond Bank
- 85. Louisiana: Infrastructure Information Center
- 86. Maryland: Smart Growth Initiative

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- 87. Montana: Renewable Resource Grant and Loan Program
- 88. Montana: Treasure State Endowment Program
- 89. North Carolina: Regional Revenue Sharing

Misc. Tools

- 90. Administration Charges
- 91. Arbitrage
- 92. Asset Management
- 93. Bond Rating(s)
- 94. Brownfields: Phased Development
- 95. Corporate Bonds
- 96. Dedicated Taxes
- 97. Due Diligence
- 98. Energy Efficiency Projects
- 99. Environmental Banking
- 100. Environmental Management Bonds
- 101. Greenhouse Gas Taxes (Carbon Tax)
- 102. Clean Air Partnership Fund
- 103. Compound Interest Bonds
- 104. Energy Source Taxes
- 105. Enterprise Funds
- 106. Excise Duties
- 107. Gainsharing
- 108. Infrastructure Bonds
- 109. Interest Rate Subsidies
- 110. Land Use Charges
- 111. Municipal Bonds (Taxable and Tax-exempt)
- 112. Municipal Bond Insurance
- 113. Non-Compliance Fees
- 114. Product Charges
- 115. Project Finance
- 116. Rehabilitation Tax Credits
- 117. Reimbursable Grants

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- 118. Resource Quotas
- 119. State Credit Assistance
- 120. Structured Municipal Bonds
- 121. Taxable Bonds

Misc. Tools (continued)

- 122. Tax-exempt Bonds
- 123. Watershed Restoration Grants
- 124. Tax Credit Bonds
- 125. Tax Differentiation

International Tools - EPA

- 126. International Environmental Finance Program
- 127. Environmental Bond Guarantee Fund Program

International Tools - Other USG Agencies

- 128. Agency for International Development (AID): Energy Partnership Programs
- 129. AID: Environmental Assistance (Grants, Loans, and Guarantees, etc.)
- 130. AID: Eurasian-American Partnership for Environmentally Sustainable Economies (Ecolinks)
- 131. AID: Global Technology Network (GTN)
- 132. AID: International Climate Change Project Fund
- 133. AID: Russian Far East Sustainable Natural Resources Management Grants
- 134. AID: Urban Programs
- 135. AID: U.S.- Asia Environmental Partnership
- 136. African Development Fund
- 137. African Development Foundation
- 138. Commerce: Business Information Service for the Newly Independent States
- 139. Commerce: International Trade Administration
- 140. Commerce: Trans-Atlantic Small Business Initiative
- 141. Export -Import Bank (Ex-Im): Environmental Export Program
- 142. Ex-Im: Export Credit Insurance

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- 143. Ex-Im: Short-Term Insurance
- 144. Ex-Im: Loan and Guarantee Program
- 145. Ex-Im: Financing Lease Insurance
- 146. Overseas Private Investment Corporation (OPIC): Political Risk Insurance

International Tools - Other USG Agencies (continued)

- 147. OPIC: Finance
- 148. OPIC: Investment Fund
- 149. State: College and University Affiliations Program Grants
- 150. State: College and University Partnerships Program Grants
- 151. State: Fulbright-Hayes Educational Exchange Grants
- 152. State: Fulbright-Hayes International Visitors Program Grants
- 153. State: Professional Exchanges Annual Open Grants
- 154. State: Regional Scholar Exchange Program Grants (NIS)
- 155. U.S. Countries Study Program (State, USAID, DOE, EPA)
- 156. U.S. Municipal Finance Program
- 157. U.S. Trade and Development Agency (USTDA)

International Tools - Foreign Government Agencies

- 158. Canada: Canadian International Development Bank
- 159. Denmark: Environmental, Peace and Stability Facility
- 160. European Union: European Investment Bank External Lending Directorate
- 161. European Union: European Investment Fund
- 162. European Union: Kyoto Agreement Developing Nations Assistance
- 163. European Union: TACIS Programme Technical Assistance to NIS Countries
- 164. European Union: PHARE Programme on Pre-Accession Strategy
- 165. Germany: German Bank for Reconstruction and Development
- 166. Republic of Ireland: COMHAR National Sustainable Development Partnership
- 167. Russia: Russian Project Finance Bank (EBRD affiliate)

International Tools - MDBs/IGOs

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List of New Environmental Finance Tools

- 168. African Development Bank
- 169. Asian Development
- 170. Clean Development Mechanism (Kyoto Agreement)
- 171. Corporacion Andina de Fomento (CAF)
- 172. Council of Europe

International Tools - MDBs/IGOs (continued)

- 173. European Bank for Reconstruction and development
- 174. Global Environmental Facility
- 175. Inter-American Development Bank
- 176. International Monetary Fund (IMF): Special Drawing Rights
- 177. IMF: Concessional Financing
- 178. IMF: Contingent Credit Lines
- 179. IMF: Very Short-Term Financing
- 180. Nordic Development Fund (NDF)
- 181. Nordic Environmental Finance Corporation (NEFCO)
- 182. Nordic Investment Bank
- 183. North American Commission for Environmental Cooperation (NAAEC)
- 184. North American Fund for Environmental Cooperation (NAFEC)
- 185. Organization for Economic Cooperation and Development (OECD)
- 186. United Nations Environmental Programme (UNEP)
- 187. World Bank: International Bank for Reconstruction and Development (IBRD)
- 188. World Bank: International Development Association (IDA)
- 189. World Bank: International Finance Corporation (IFC)
- 190. World Bank: Multilateral Investment Guarantee Agency (MIGA)
- 191. World Trade Organization (WTO)

International Tools - Non-Governmental Organizations (NGOs)

- 192. American Chamber of Commerce
- 193. Commission for Environmental Cooperation
- 194. Friends of the Earth: Green Investments Program
- 195. International Executive Service Corps (IESC)

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List of New Environmental Finance Tools

- 196. Soros Open Society Institute
- 197. World Heritage Fund
- 198. World Wildlife Fund (WWF) Pooled Trust Fund